

Title (en)
SHEET LAMINATE MOLDING METHOD AND APPARATUS.

Title (de)
VERFAHREN UND VORRICHTUNG ZUM FORMEN VON VERBUNDFOLIEN.

Title (fr)
PROCEDE ET APPAREIL DE MOULAGE DE STRATIFIE EN FEUILLES.

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Application
EP 93923662 A 19931028

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Abstract (en)
A first plastic film (90) cut into an effective region (V1) constituting a three-dimensional object and unnecessary regions (U1) not constituting three-dimensional objects is provided, and a second plastic film (94) is supplied to a position above the first plastic film (90). A photosetting bonding agent (96) is applied to the lower surface of the second plastic film (94), and the portions (96a) corresponding to the sum of the unnecessary regions (U1, U2) of the first and second plastic films are cured with the other portion (96b) left uncured. The first and second plastic films are then bonded to each other by applying light to the uncured layer (96b) so as to cure the same. The second plastic film (94) is then cut into an effective region (V2) and unnecessary regions (U2). By repeating these steps, plastic films are laminated in order, to mold a three-dimensional object. <IMAGE>

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Cited by
US5902537A; US5833914A; CN111003240A; GB2323553A; GB2311960A; GB2311960B; US6543506B1; EP1066158A4; US6324438B1; WO2014131848A3; WO9623647A3; WO9919136A1; WO0067991A1; US10821661B2; KR100551076B1

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